Refine Search

Search Results -

Terms	Documents
L22 and L7	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L23

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Tuesday, May 23, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L23	L22 and L7	0	L23
L22	(translat$ same (search$ or quer$) near3 (term$ with first adj1 languag$) or (term$ with second adj1 languag$) and disambiguat$)	9	L22
L21	(translat$ same (search$ or quer$) near3 (term$ with first adj1 languag$) or (term$ with second adj1 languag$))	40	L21
L20	(translat$ same (search$ or quer$) near3 (first adj1 languag$) or (second adj1 languag$))	2804	L20
L19	((translat$ same (search$ or quer$) same languag$) and (hypertext or hyperlink$ or link$) and (anchor adj1 text) and disambiguat$)	1	L19
L18	((translat$ same (search$ or quer$) same languag$) and (hypertext or hyperlink$ or link$) and (anchor adj1 text) and (parallel adj1 corpora))	0	L18
L17	(translat$ same (search$ or quer$) same languag$) and (hypertext or hyperlink$ or link$) and (anchor adj1 text)	14	L17
	(translat$ same (search$ or quer$) same languag$) and (hypertext or hyperlink$		

L16	or link$)	1686	L16
L15	L14 and @pd > 20051229	0	L15
L14	L13 and L12	2	L14
L13	(translat$ same (search$ or quer$) same languag$).clm.	264	L13
L12	L11 and L10	97	L12
L11	(translat$ same (search$ or quer$) same languag$).ab.	619	L11
L10	(translat$ same (search$ or quer$) same languag$).ti.	147	L10
L9	L6 and (locat$ same document$)	14	L9
L8	L7 and (lacat$ same document$)	0	L8
L7	(704/2 |704/10 |704/277).ccls. and ((translat$ same (search$ or quer$) same languag$) and (first near1 language) and (second near1 language) and translat$ and ambiguity or disambiguity)	23	L7
L6	(704/2 |704/10 |704/277).ccls. and ((translat$ same (search$ or quer$) same languag$) and (first near1 language) and (second near1 language) and translat$)	93	L6
L5	(707/1 |707/2 |707/3 |707/4 |707/5 |707/6 |707/7 |707/8 |707/9 |707/10 |707/100 |707/101 |707/102 |707/103R |707/103Y |707/103X |707/103Z |707/104.1 |707/200 |707/201 |707/202 |707/203 |707/204 |707/205 |707/206).ccls. and ((translat$ same (search$ or quer$) same languag$) and (first near1 language) and (second near1 language) and translat$)	55	L5
L4	(707/1 |707/2 |707/3 |707/4 |707/5 |707/6 |707/7 |707/8 |707/9 |707/10 |707/100 |707/101 |707/102 |707/103R |707/103Y |707/103X |707/103Z |707/104.1 |707/200 |707/201 |707/202 |707/203 |707/204 |707/205 |707/206).ccls. and ((translat$ same (search$ or quer$) same languag$) and (first near1 language) and (second near1 language))	55	L4
L3	(707/1 |707/2 |707/3 |707/4 |707/5 |707/6 |707/7 |707/8 |707/9 |707/10 |707/100 |707/101 |707/102 |707/103R |707/103Y |707/103X |707/103Z |707/104.1 |707/200 |707/201 |707/202 |707/203 |707/204 |707/205 |707/206).ccls. and ((translat$ same (search$ or quer$) same languag$) and (first near1 language))	70	L3
L2	(707/1 |707/2 |707/3 |707/4 |707/5 |707/6 |707/7 |707/8 |707/9 |707/10 |707/100 |707/101 |707/102 |707/103R |707/103Y |707/103X |707/103Z |707/104.1 |707/200 |707/201 |707/202 |707/203 |707/204 |707/205 |707/206).ccls. and (translat$ same (search$ or quer$) same languag$)	897	L2
L1	translat$ same (search$ or quer$) same languag$	2917	L1

END OF SEARCH HISTORY

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Set     Items   Description
S1       1770   CROSS()LANGUAGE
S2   11615742   SEARCH OR QUEST? OR PURSU? OR SEEK? OR QUER? OR MATCH? OR -
            EXAMIN? OR FIND? OR LOOK? OR LOCAT? OR CONNECT?
S3     459842   TRANSLATION? ? OR TRANSLATING OR TRANSLATED
S4    2454102   RECEIV? OR ACCEPT? OR ADMIT? OR TAKE()IN
S5    5650466   TERM? OR KEYWORD? OR WORD? OR ITEM?
S6       7912   (FIRST OR 1ST OR PRIME OR PRIMARY OR INITIAL OR MAIN OR OR-
            IGINAL)(2W) LANGUAGE
S7   11761640   DETERMIN? OR CHOOS? OR CHOICE OR PICK? ? OR SELECT? ? OR S-
            PECIF?
S8      10906   (SECOND OR 2ND OR ANOTHER)(2W) LANGUAGE
S9       4146   DISAMBIGUAT? OR ((ONE OR SINGLE)()(SEMANTIC OR GRAMMATICAL-
            ()INTERPRETATION?))
S10       391   S1 (S) S2 (S) S3
S11       516   S1 (S) S3
S12      9591   S4 (S) (S2 (3N) S5)
S13         6   S12 (S) S6
S14        21   S7 (S) S3 (S) S6 (S) S8
S15        14   S14 (S) S5
S16      1477   S2 (S) S9
S17       190   S16 (S) S3
S18        49   S17 (S) S1
S19        76   S13 OR S14 OR S15 OR S18
S20        35   S19 NOT PY>1999
S21        35   S20 NOT PD>19991201
S22        27   RD (unique items)
File   2:INSPEC 1969-2004/Nov W1
         (c) 2004 Institution of Electrical Engineers
File   6:NTIS 1964-2004/Nov W1
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2004/Nov W1
         (c) 2004 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Nov W2
         (c) 2004 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2004/Oct
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Nov W2
         (c) 2004 BLDSC all rts. reserv.
File  92:IHS Intl.Stds.& Specs. 1999/Nov
         (c) 1999 Information Handling Services
File  94:JICST-EPlus 1985-2004/Oct W3
         (c)2004 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
         (c) 2004 The HW Wilson Co.
File 103:Energy SciTec 1974-2004/Nov B1
         (c) 2004 Contains copyrighted material
File 144:Pascal 1973-2004/Nov W1
         (c) 2004 INIST/CNRS
File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
         (c) 2004 EBSCO Publishing
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 239:Mathsci 1940-2004/Dec
         (c) 2004 American Mathematical Society
File 275:Gale Group Computer DB(TM) 1983-2004/Nov 16
         (c) 2004 The Gale Group
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 647:CMP  Computer Fulltext 1988-2004/Nov W1
         (c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Sep W1
         (c) 2004 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2004/Nov 15
         (c) 2004 The Dialog Corp.
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?s
      Items   Description
S1       19   CROSS()LANGUAGE
S2  4643761   SEARCH OR QUEST? OR PURSU? OR SEEK? OR QUER? OR MATCH? OR -
            EXAMIN? OR FIND? OR LOOK? OR LOCAT? OR CONNECT?
S3    40536   TRANSLATION? ? OR TRANSLATING OR TRANSLATED
S4  1923987   RECEIV? OR ACCEPT? OR ADMIT? OR TAKE()IN
S5  1437350   TERM? OR KEYWORD? OR WORD? OR ITEM?
S6     1358   (FIRST OR 1ST OR PRIME OR PRIMARY OR INITIAL OR MAIN OR OR-
            IGINAL)(2W) LANGUAGE
S7  2971727   DETERMIN? OR CHOOS? OR CHOICE OR PICK? ? OR SELECT? ? OR S-
            PECIF?
S8     1384   (SECOND OR 2ND OR ANOTHER)(2W) LANGUAGE
S9      137   DISAMBIGUAT? OR ((ONE OR SINGLE)()(SEMANTIC OR GRAMMATICAL-
            ()INTERPRETATION?))
S10       0   S1 AND S2 AND S3
S11       6   S1 AND S3
S12   43893   S4 AND (S2 (3N) S5)
S13      12   S12 AND S6
S14     164   S7 AND S3 AND S6 AND S8
S15      96   S14 AND S5
S16      64   S2 AND S9
S17     176   S11 OR S13 OR S15 OR S16
S18     158   S17 AND IC=G06F?
S19     108   S18 AND IC=(G06F-017? OR G06F-007?)
S20      34   S19 AND S9
S21      74   S19 NOT S20
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200473
        (c) 2004  Thomson Derwent
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BEISER M, 1993, V23, P731, PSYCHOL MED
BENTLER PM, 1980, V88, P588, PSYCHOL BULL
BERRY JW, 1992, CROSS CULTURAL PSYCH
BRADBURN NM, 1969, STRUCTURE PSYCHOL WE
BRISLIN RW, 1973, CROSS CULTURAL RES M
BUTCHER JN, 1976, HDB CROSS NATL MMPI
CANTAZARO A, 1982, V247, P1303, JAMA-J AM MED ASSOC
COHEN J, 1988, STAT POWER ANAL BEHA
CRONBACH LJ, 1951, V16, P297, PSYCHOMETRIKA
DIENER E, 1984, V95, P542, PSYCHOL BULL
FLAHERTY JA, 1988, V176, P257, J NERV MENT DIS
JORESKOG KG, 1979, ADV FACTOR ANAL STRU
JORESKOG KG, 1988, LISREL 7 GUIDE PROGR
KISH L, 1965, SURVEY SAMPLING
KLEINMAN A, 1985, CULTURE DEPRESSION S
LONG JS, 1984, CONFIRMATORY FACTOR
MARIN G, 1991, V23, P66, DEV ADAPTATION INSTR
MARSELLA AJ, 1985, P299, CULTURE DEPRESSION S
MCDOWELL I, 1987, MEASURING HLTH GUIDE
MENDENHALL W, 1971, ELEMENTARY SURVEY SA
MOLLICA RF, 1987, V144, P497, AM J PSYCHIAT
MOLLICA RF, 1987, V144, P1567, AM J PSYCHIAT
OBEYESEKERE G, 1985, P134, CULTURE DEPRESSION S
OKAZAKI S, 1995, V7, P367, PSYCHOL ASSESSMENT
RUMBAUT RG, 1985, P433, SE ASIAN MENTAL HLTH
SCHAEFFER RL, 1979, ELEMENTARY SURVEY SA
SHWEDER RA, 1985, P182, CULTURE DEPRESSION S

01616187 ORDER NO: AADMQ-23316

THE DEAF LITERACY PROGRAM AT RED RIVER COMMUNITY COLLEGE: A SURVEY (MANITOBA)

Author: GIBSON, JOHN ANGUS
Degree: M.ED.
Year: 1997
Corporate Source/Institution: THE UNIVERSITY OF MANITOBA (CANADA) (0303)
Adviser: DENIS HLYNKU
Source: VOLUME 36/02 of MASTERS ABSTRACTS.
PAGE 311. 79 PAGES
Descriptors: EDUCATION, CURRICULUM AND INSTRUCTION ; EDUCATION, COMMUNITY COLLEGE ; EDUCATION, READING
Descriptor Codes: 0727; 0275; 0535; 0681
ISBN: 0-612-23316-2

The purpose of this thesis was to conduct a study of the needs of students of the Deaf Literacy Program (DLP) at Red River Community College, Winnipeg, Manitoba, Canada. Three research questions have been identified. (1) What do Deaf students enrolled in this program perceive their needs are in a literacy program? (2) Is the Deaf Literacy Program at Red River Community College congruent with students stated needs? (3) How is current information technology being used in the delivery of the DLP?

The total population enrolled in the program at any given time is approximately thirty and five Deaf adults. The participants of the study were seven current students, all of whom were over 18 years. Students at the DLP are Deaf adults who want to improve their abilities to read and write English. American Sign Language (ASL) is the **first language** of all DLP students, and the DLP is an ESL (English **Second Language**) program which emphasizes literacy development. The researcher conducted interviews with the participants. These interviews were videotaped and later transcribed and **translated** from ASL into English. The findings were as follows. In **terms** of needs, the students very clearly articulated that their goal was to improve their written English skills, with emphasis on grammar and syntax, so as to communicate more effectively with hearing

Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002017330	A	20020307	KR 200050578	A	20000829	200262	B
KR 397639	B	20030913	KR 200050578	A	20000829	200412	

Priority Applications (No Type Date): KR 200050578 A 20000829
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002017330	A		1	G06F-017/27	
KR 397639	B			G06F-017/27	Previous Publ. patent KR 2002017330

Abstract (Basic): KR 2002017330 A

NOVELTY - A Lexical sense tagging system for word sense **disambiguation** is provided to perform the lexical **disambiguation** by automatically suggesting a concept candidate in order to reduce the burden of operator and maintain a consistency, and to determine the dependency structure.

DETAILED DESCRIPTION - The method extracts the components of predicate and noun from a result of tagging a morpheme of sentence and rearranges the components around the predicate. The rearrangement extracts a lower range pattern of the predicate from the lower range pattern database and **finds** out a capable dependency between the predicate and the noun according to an outer layer investigation as a standard. The outer layer investigation includes an extended investigation list database as well as a representative investigation. One pattern includes the 2 or 4 subsidiary range components, each subsidiary range component may have a plurality of nouns capable of **matching** and the system **finds** out the concept of the one noun among the nouns in a thesaurus database.

pp; 1 DwgNo 1/10

Title Terms: LEXICAL; SENSE; TAG; SYSTEM; WORD; SENSE
Derwent Class: T01
International Patent Class (Main): **G06F-017/27**
File Segment: EPI

20/5/21 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014735532 **Image available**
WPI Acc No: 2002-556236/200259
XRPX Acc No: N02-440193

Semantic disambiguation **method of words in translation systems for electronic documents, involves selecting one rule to ambiguate semantic ambiguous word according to selection order based on types of corpus information**

Patent Assignee: XEROX CORP (XERO)
Inventor: BRUN C; SEGOND F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6405162	B1	20020611	US 99401685	A	19990923	200259	B

Priority Applications (No Type Date): US 99401685 A 19990923
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6405162	B1		18	G06F-017/27	

Abstract (Basic): US 6405162 B1

NOVELTY - Information of a context (30) having semantically ambiguous word (12) is obtained from an input text. Rules (26,28) applicable to words occurring in the context are derived from respective corpus information. One respective rule (26) is selected to ambiguate the semantically ambiguous word according to a selection order based on the types of corpus information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Machine for semantically **disambiguating** words; and

(2) Machine operation method.

USE - Semantic **disambiguating** method of words in translation systems for electronic documents such as mail, web documents, teletext, e-mail and compression assistants, information retrieval such as semantic information attached to **queries** in authoring aids such as spell checkers, and in optical character recognition.

ADVANTAGE - The selection of incorrect **disambiguation** rule is prevented, as the rule is selected based on the type of corpus information.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic flow diagram of **disambiguate** rule selection based on type of corpus information.

Semantically ambiguous word (12)

Rules (26,28)

Context (30)

pp; 18 DwgNo 1/7

Title Terms: METHOD; WORD; TRANSLATION; SYSTEM; ELECTRONIC; DOCUMENT; SELECT; ONE; RULE; AMBIGUOUS; WORD; ACCORD; SELECT; ORDER; BASED; TYPE; CORPUS; INFORMATION

Derwent Class: T01

International Patent Class (Main): **G06F-017/27**

File Segment: EPI

20/5/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014708225 **Image available**

WPI Acc No: 2002-528929/200256

XRPX Acc No: N02-418867

Monolingual and multilingual document storage method for use in electronic storing, searching and retrieval systems, uses codes to identify parts of speech, clause type, grammatical functions or meanings of words

Patent Assignee: CHERNY J (CHER-I)

Inventor: CHERNY J

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200254265	A1	20020711	WO 2002US562	A	20020102	200256	B
US 20020111792	A1	20020815	US 2001259562	P	20010102	200256	
			US 200239727	A	20020102		
AU 2002243491	A1	20020716	AU 2002243491	A	20020102	200427	

Priority Applications (No Type Date): US 2001259562 P 20010102; US 200239727 A 20020102

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200254265	A1	E	53	G06F-015/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020111792 A1 G06F-017/20 Provisional application US 2001259562

AU 2002243491 A1 G06F-015/00 Based on patent WO 200254265

Abstract (Basic): WO 200254265 A1

NOVELTY - Documents are lexically (206) and structurally **disambiguated** , codes are attached to text to identify parts of speech,

phrase or clause types or grammatical functions. A multilingual semantic object database (212) is created to store coded text objects and a synthetic/natural pairs database is created to store parallel images of strings of words in two or more languages.

USE - For use in systems for storing, searching and retrieving documents monolingually or multilingually.

ADVANTAGE - The multilingual semantic object database and synthetic/natural pairs database enables monolingual and multilingual document storage, **search** and retrieval where accurate translation may be performed.

DESCRIPTION OF DRAWING(S) - The figure is a flow diagram of a process to lexically **disambiguate** the parsed text of the document to be stored.

pp; 53 DwgNo 2C/3

Title Terms: DOCUMENT; STORAGE; METHOD; ELECTRONIC; STORAGE; **SEARCH** ; RETRIEVAL; SYSTEM; CODE; IDENTIFY; PART; SPEECH; TYPE; FUNCTION; MEANING; WORD

Derwent Class: T01

International Patent Class (Main): **G06F-015/00** ; **G06F-017/20**

File Segment: EPI

20/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014541497 **Image available**

WPI Acc No: 2002-362200/200239

XRPX Acc No: N02-283118

Mapping tool for use in representation and translation of electronic documents, uses virtual groups to automatically generate a transform

Patent Assignee: CONTIVO INC (CONT-N)

Inventor: LINDSAY W

Number of Countries: 096 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200219154	A1	20020307	WO 2001US12343	A	20010410	200239	B
AU 200153546	A	20020313	AU 200153546	A	20010410	200249	
EP 1328873	A1	20030723	EP 2001927060	A	20010410	200350	
			WO 2001US12343	A	20010410		
JP 2004507839	W	20040311	WO 2001US12343	A	20010410	200419	
			JP 2002523196	A	20010410		

Priority Applications (No Type Date): US 2000650976 A 20000829

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200219154	A1	E	26	G06F-017/21	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153546	A		G06F-017/21	Based on patent WO 200219154
EP 1328873	A1	E	G06F-017/21	Based on patent WO 200219154

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2004507839	W	40	G06F-017/21	Based on patent WO 200219154

Abstract (Basic): WO 200219154 A1

NOVELTY - Source and target documents (610,620) include groups (615,625) with structural differences, but similarities and common abstractions e.g. name and **location** . Virtual group corresponding to source and target groups used to capture common abstractions using meta-data. Mapping engine (650) applies mapping rules to meta-data of source group to generate transform used by translation engine (630) to convert from source to target format.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) A computer readable medium having instructions which, when executed by a processing system, cause the system to **disambiguate** fields of a source logical structure or a target logical structure;

(b) An apparatus comprising means for **disambiguating** fields of a source logical structure and means for **disambiguating** fields of a target logical structure.

USE - For use in representation and translation of electronic documents.

ADVANTAGE - Using virtual groups enables a mapping engine to automatically generate a mapping describing how to map data between source and target documents. The user does not need to write code to identify when the data under a group has a particular meaning, or to put the qualifier code into a target virtual group. The ability to write code is not compromised. Transformation instructions for the translation engine can be successfully generated. Mapping from document A to B is much closer to mapping from B to A than mapping without virtual groups, thus, mapping one direction then provides most of the information needed to map the other direction and transposing a mapping is far less work. Mapping to or from fields under a virtual group is translation engine independent. Because fewer mappings require the user to write code, mappings to and from fields under groups can be validated and mapping difference checking is easier. A non-programmer can do most of the work of mapping. as less overall code is needed, mappings are more translation engine independent. Automapping generated code has a better hit rate, providing faster transform creation. because the user does not need to write code, maps have fewer bugs, thus debugging and time to market is faster.

DESCRIPTION OF DRAWING(S) - The figure is an example of a translation system that uses virtual groups to translate documents.

pp; 26 DwgNo 6/7

Title Terms: MAP; TOOL; REPRESENT; TRANSLATION; ELECTRONIC; DOCUMENT; VIRTUAL; GROUP; AUTOMATIC; GENERATE; TRANSFORM

Derwent Class: T01

International Patent Class (Main): **G06F-017/21**

File Segment: EPI

20/5/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014385553 **Image available**

WPI Acc No: 2002-206256/200226

XRPX Acc No: N02-157073

Word sense disambiguation method for searching for documents on Internet involves converting document into list of terms and applying stemming algorithm with heuristic for selection of likely interpretations

Patent Assignee: TENARA LTD (TENA-N)

Inventor: HADJIYIANNIS G I; MUI L; ZELEVINSKY V

Number of Countries: 096 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200210985	A2	20020207	WO 2001US23146	A	20010723	200226	B
AU 200177100	A	20020213	AU 200177100	A	20010723	200238	

Priority Applications (No Type Date): GB 200018645 A 20000728

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200210985	A2	E	74	G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

Multiple inheritance concept hierarchies maintenance system using computer

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CARTER G L; CASTELLUCCI F; FOHN S M; GREEF A R; MAGUIRE T; SCHUMACHER J F; WEIDA R A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5953726	A	19990914	US 97976652	A	19971124	199944	B

Priority Applications (No Type Date): US 97976652 A 19971124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5953726	A		24	G06F-017/30	

Abstract (Basic): US 5953726 A

NOVELTY - A display screen (2201) for displaying **queries** on the display screen interrogating the user (2202) for more information about the proposed modification. Correction software corresponding to user interaction and any user response to the **queries** on the display screen modify the arrangement of data stored in the database to **disambiguate** any ambiguities resulting from the user interaction.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer program for maintaining multiple inheritance concept hierarchies.

USE - For maintaining multiple inheritance concept hierarchies using computer.

ADVANTAGE - Maintains semantic coherence when modifying multiple inheritance concept hierarchies.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram indicating functioning of computer.

Display screen (2201)
User (2202)
pp; 24 DwgNo 22/27

Title Terms: MULTIPLE; CONCEPT; MAINTAIN; SYSTEM; COMPUTER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

20/5/29 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012360847 **Image available**
WPI Acc No: 1999-166954/199914
XRPX Acc No: N99-121666

Subject field code vector representation generation method for foreign language processing system

Patent Assignee: UNIV SYRACUSE (UYSY-N)
Inventor: LIDDY E D; PAIK W; YU E S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5873056	A	19990216	US 93135815	A	19931012	199914	B

Priority Applications (No Type Date): US 93135815 A 19931012
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5873056	A		21	G06F-017/30	

Abstract (Basic): US 5873056 A

NOVELTY - A specific subject code is selected from identical codes within each sentence, that occur uniquely and at equal to or more than a certain frequency. Codes for each word is correlated with selected unique codes. Codes with highest correlation is selected and usage frequency of the word represented by it, is determined. The codes are

arranged into a weighted vector representing the document content.

DETAILED DESCRIPTION - Subject codes assigned to each word of a document express the semantic content of the document and they correspond to the meaning of each word. INDEPENDENT CLAIMS are included for the following:

(a) Natural language processing system;

(b) Apparatus for generating subject field code vector representation of the document

USE - for foreign language processing system

ADVANTAGE - Provides a **query** which shows high similarity to the representation of the documents since the representations of the document and the **query** represent the topic at an abstract, semantic field level, thereby making document retrieval more efficient than with conventional key word searching procedures. Assignment of subject codes is automatic and can be carried out under computer control without the need for human intervention. The usage of lexical database enables the subject codes assignment to be automatic and efficient. Text may be processed in reasonable amount of time. Enables automatic classification of documents using subject codes having **disambiguator** , which operates in heuristic and psycholinguistic manner, mimicking the human **disambiguation** .

DESCRIPTION OF DRAWING(S) - The drawing illustrates a flow chart showing a system for subject field vector generation and document classification and retrieval.

pp; 21 DwgNo 1/11

Title Terms: SUBJECT; FIELD; CODE; VECTOR; REPRESENT; GENERATE; METHOD; FOREIGN; LANGUAGE; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

International Patent Class (Additional): **G06F-017/20** ; **G06F-017/22**

File Segment: EPI

20/5/30 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011916674 **Image available**

WPI Acc No: 1998-333584/199829

XRPX Acc No: N98-260342

Translating Braille into multi byte language - by using characters in computer system having database with entries which map Braille to phrase comprising characters of multi byte language

Patent Assignee: MICROSOFT CORP (MICR-N); MICROSOFT CORP (MICT)

Inventor: WONG P K

Number of Countries: 023 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9825252	A1	19980611	WO 97US21317	A	19971121	199829	B
CN 1242853	A	20000126	CN 97181208	A	19971121	200024	
KR 2000057355	A	20000915	WO 97US21317	A	19971121	200122	
			KR 99704869	A	19990602		
JP 2001505322	W	20010417	WO 97US21317	A	19971121	200128	
			JP 98525620	A	19971121		
US 6351726	B1	20020226	US 96758672	A	19961202	200220	

Priority Applications (No Type Date): US 96758672 A 19961202

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9825252	A1	E	50	G09B-021/00	
Designated States (National): CN IL JP KR SG					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
CN 1242853	A			G09B-021/00	
KR 2000057355	A			G09B-021/00	Based on patent WO 9825252
JP 2001505322	W		49	G09B-021/00	Based on patent WO 9825252
US 6351726	B1			G06F-017/28	

Abstract (Basic): WO 9825252 A

The method involves providing for the unambiguous input and conversion of Braille into character representations requiring multiple bytes per character, such as Kanji. The method uses a computer system having the Braille input and having a database of entries containing mapping of Braille to phrases containing at least one character of the multi byte language.

When the Braille input does not **match** at least one of the entries the method reduces the Braille input by an amount sufficient to represent a character and attempts to **match** the reduced Braille input to at least one of the entries in the database. The visually impaired user is provided with both the means to input Braille for translation into a multi byte language and the means to **disambiguate** the translation so that it reflects what the user intended.

ADVANTAGE - Resolves ambiguities in translation helps integrate visually impaired users into workforce. Translation is stored in computer in multi byte language so that both sighted and non sighted users can utilize the translator.

Dwg.5/6

Title Terms: TRANSLATION; BRAILLE; MULTI; BYTE; LANGUAGE; CHARACTER; COMPUTER; SYSTEM; DATABASE; ENTER; MAP; BRAILLE; PHRASE; COMPRISE; CHARACTER; MULTI; BYTE; LANGUAGE

Derwent Class: P85; P86; T01

International Patent Class (Main): **G06F-017/28** ; G09B-021/00

International Patent Class (Additional): **G06F-003/00** ; G10L-005/00; G10L-015/00

File Segment: EPI; EngPI

20/5/31 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011659835 **Image available**

WPI Acc No: 1998-076743/199807

Related WPI Acc No: 1994-202342

XRPX Acc No: N98-061399

Electronic price display shelf label - stores geographical location **records for all ESLs, associated with each product with complete physical address, and issues sub-global command so that action is performed in ESL when addresses** match

Patent Assignee: ELECTRONIC RETAILING SYSTEMS INT (ELRE-N); ELECTRONIC RETAILING SYSTEMS INT INC (ELRE-N)

Inventor: BRIECHLE G T; BRIECHLE G

Number of Countries: 025 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5704049	A	19971230	US 92995048	A	19921222	199807	B
			US 94247334	A	19940523		
EP 889425	A1	19990107	EP 97850103	A	19970630	199906	N
AU 9728336	A	19990107	AU 9728336	A	19970627	199913	N
CA 2208884	A	19981225	CA 2208884	A	19970625	199923	N
CA 2208884	C	20000201	CA 2208884	A	19970625	200026	N

Priority Applications (No Type Date): US 94247334 A 19940523; US 92995048 A 19921222; EP 97850103 A 19970630; AU 9728336 A 19970627; CA 2208884 A 19970625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5704049	A		20	G06F-015/16	CIP of application US 92995048
CA 2208884	C	E		G09F-009/00	
EP 889425	A1	E		G06F-017/60	

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT SE SI

AU 9728336	A			G06F-012/00	
CA 2208884	A			G09F-009/00	